

Storm Data and Unusual Weather Phenomena - March 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TEXAS, North				
PALO PINTO COUNTY --- 4.9 NW PALO PINTO [32.82, -98.36]				
	03/02/08 23:31 CST		0	Hail (1.00 in)
	03/02/08 23:31 CST		0	Source: Law Enforcement
Quarter-size hail was reported on the east side of Possum Kingdom Lake.				
PALO PINTO COUNTY --- 6.0 N (MWL)MINERAL WELLS A [32.87, -98.07]				
	03/03/08 00:16 CST		0	Hail (1.00 in)
	03/03/08 00:16 CST		0	Source: Trained Spotter
Nickel to quarter-size hail was reported.				
MCLENNAN COUNTY --- 2.2 NW WACO [31.57, -97.18]				
	03/03/08 04:55 CST		0	Thunderstorm Wind (EG 51 kt)
	03/03/08 04:55 CST		0	Source: Broadcast Media
CORYELL COUNTY --- 2.2 SSE OGLESBY [31.39, -97.51]				
	03/03/08 04:57 CST		15K	Thunderstorm Wind (EG 50 kt)
	03/03/08 04:57 CST		0	Source: Public
A horse barn was destroyed.				
MCLENNAN COUNTY --- 1.9 SW SPRING VLY [31.38, -97.32], 2.0 S ATCO [31.42, -97.24]				
	03/03/08 05:15 CST		80K	Thunderstorm Wind (EG 61 kt)
	03/03/08 05:15 CST		0	Source: NWS Storm Survey
The National Weather Service in Fort Worth conducted a damage survey and found that damage which occurred northwest of Lorena was due to a downburst. Damage was noted along FM 2416 and Chapel Road just north of FM 2113. Several trees were pushed over...large limbs were broken...shingles removed from roofs...and sheds damaged...and lawn equipment thrown around. Farther east...between Chapel Road and FM 2837...additional damage was noted to trees and a frame of a house under construction. Several mobile homes just west of FM 2837 had portions of their lower skirtings removed. A power pole was pushed over along FM 2113 west of FM 2837. Maximum winds were likely 65-70 MPH.				
LIMESTONE COUNTY --- 1.9 ENE TEHUACANA [31.74, -96.54]				
	03/03/08 05:23 CST		0	Thunderstorm Wind (EG 52 kt)
	03/03/08 05:23 CST		0	Source: Emergency Manager
A 60 mph wind gust was reported at Highway 171 in Tehuacana.				
LIMESTONE COUNTY --- 0.9 NW MEXIA MUNI ARPT [31.68, -96.48]				
	03/03/08 05:29 CST		5K	Thunderstorm Wind (EG 50 kt)
	03/03/08 05:29 CST		0	Source: Public
Damage to a corner of a house in the Forest Glade neighborhood was reported. The report was relayed by the media.				
HENDERSON COUNTY --- 2.1 SSW LOPER [32.15, -95.79]				
	03/03/08 06:23 CST		1K	Thunderstorm Wind (EG 50 kt)
	03/03/08 06:23 CST		0	Source: Law Enforcement
A tree fell across farm-to-market road 1615.				
VAN ZANDT COUNTY --- 0.8 NE EDOM [32.38, -95.61], 2.1 ESE REDLAND [32.37, -95.47]				
	03/03/08 06:25 CST		85K	Thunderstorm Wind (EG 56 kt)
	03/03/08 06:35 CST		0	Source: Law Enforcement

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<p>Hundreds trees were blown down throughout the county...with the most concentrated damage near Edom and Midway. Several of the trees fell on cars or houses. A damage path approximately 2 miles wide began just northeast of Edom and continued for 5 miles to the northeast... terminating near the Neches River. The vast majority of the damage resulted from a downburst...which formed as a bow echo developed along a fast moving squall line.</p> <p>In addition...a total of four outbuildings were destroyed. Steel I-beams from a barn just east of Edom were carried beyond 100 feet with some aluminum sheets carried north of Highway 279 for a distance of more than 100 yards. Farther to the north...two large sheds were destroyed along CR 4807. Wind speeds in the downburst swath ranged from 60-65 MPH.</p>				
VAN ZANDT COUNTY --- 2.3 ESE REDLAND [32.37, -95.46], 3.3 E REDLAND [32.38, -95.44]				
	03/03/08 06:36 CST		50K	Tornado (EF1, L: 1.10 mi , W: 40 yd)
	03/03/08 06:38 CST		0	Source: NWS Storm Survey
<p>The National Weather Service in Fort Worth conducted a survey and found that a tornado formed near the northwestern edge of a downburst damage swath. The tornado damaged a sturdy dwelling which lost a door and windows about a fourth of a mile southeast of the intersection of FM 413 and Highway 64. Also, a nearby garage had its doors removed. Numerous trees were damaged with some of them snapped near their bases. Maximum winds were between 85 to 90 MPH.</p>				
HENDERSON COUNTY --- 0.6 E BROWNSBORO [32.30, -95.61]				
	03/03/08 06:45 CST		5K	Thunderstorm Wind (EG 50 kt)
	03/03/08 06:45 CST		0	Source: Emergency Manager
<p>Thunderstorm winds damaged a house in Brownsboro.</p> <p>Upper level disturbances triggered numerous thunderstorms over north Texas. This resulted in several reports of large hail and high winds.</p>				
DELTA COUNTY --- 2.4 SSE ENLOE [33.40, -95.65]				
	03/13/08 21:03 CST		0	Hail (0.88 in)
	03/13/08 21:03 CST		0	Source: Law Enforcement
<p>The sherriff's office relayed a report of nickel-size hail near Enloe.</p> <p>Ample instability and moisture produced thunderstorms across the region along a dry line. There was one report of severe hail.</p>				
HUNT COUNTY --- 1.9 WNW WEILAND [33.03, -96.10]				
	03/17/08 17:15 CST		0	Hail (0.75 in)
	03/17/08 17:15 CST		0	Source: Amateur Radio
<p>Reported between Cash and Greenville.</p>				
HUNT COUNTY --- 1.4 ENE COMMERCE [33.26, -95.88]				
	03/17/08 17:45 CST		2K	Thunderstorm Wind (EG 50 kt)
	03/17/08 17:45 CST		0	Source: Amateur Radio
<p>Trees were blown down on Highway 24 northeast of Commerce. Possible tornado damage.</p>				
STEPHENS COUNTY --- 0.5 W BRECKENRIDGE [32.75, -98.91]				
	03/17/08 21:14 CST		0	Hail (1.00 in)
	03/17/08 21:14 CST		0	Source: Law Enforcement
<p>Reported on the west side of Breckenridge.</p>				
YOUNG COUNTY --- 1.2 E GRAHAM [33.10, -98.58]				
	03/17/08 21:40 CST		0	Hail (0.75 in)
	03/17/08 21:40 CST		0	Source: Law Enforcement
DALLAS COUNTY --- 2.4 WSW FARMERS BRANCH [32.92, -96.94]				
	03/18/08 09:30 CST		0	Thunderstorm Wind (EG 59 kt)
	03/18/08 09:30 CST		0	Source: Official NWS Observations
<p>DFW observing station reported a wind gust of 68 MPH.</p>				
HOPKINS COUNTY --- 0.9 SW COLD RAN [33.29, -95.61]				

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	03/18/08 14:00 CST		0	Thunderstorm Wind (EG 50 kt)
	03/18/08 14:00 CST		0	Source: Law Enforcement

Reported on CR 4508.

Storms developed along a dry line which move into north Texas during the afternoon hours on the 18th. This activity reacted to rich Gulf moisture and ample instability, developing further as it encountered a warm front to the east.